



Sheet 1 of 3

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)	ARTS DOCKET NO. 6683.01	APPLICATION NO. 10/057,833
	APPLICANT Keith Hochhalter and Eugene F. Case	
	FILING DATE January 24, 2002	GROUP ART UNIT 2834

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Inventor Name	Class	Sub-class	Filing Date (if appropriate)
JS	3,815,435	6-11-1974	Eschenbacher et al.	74	424.87	
JS	3,851,541	12-3-1974	Ploss et al.	74	89.42	
JS	4,198,872	4-22-1980	Metz	74	89.42	
JS	4,250,762	2-17-1981	Weatherby	74	89.38	
JS	4,266,437	5-12-1981	Obergfell	74	89.37	
JS	4,286,793	9-1-1981	Ploss et al.	277	354	
JS	4,369,011	1-18-1983	Ploss	411	223	
JS	4,393,319	7-12-1983	Bock	310	80	
JS	4,489,248	12-18-1984	Petersen	310	76	
JS	4,860,638	8-29-1989	Hosono et al.	91	536	
JS	4,987,822	1-29-1991	Stoll	91	358R	
JS	5,087,845	2-11-1992	Behrens et al.	310	77	
JS	5,099,161	3-24-1992	Wolfbauer, III	310	80	
JS	5,121,042	6-9-1992	Ako	318	657	
JS	5,234,386	8-10-1993	Nagai et al.	474	148	
JS	5,363,741	11-15-1994	Takada et al.	92	13.5	
JS	5,445,045	8-29-1995	Nagai et al.	74	490.09	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation
						No
						No
						No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	Document Description

EXAMINER <i>John J. Jones</i>	DATE CONSIDERED 3/3/2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 3

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)	ATTORNEY DOCKET NO. 6683.01	APPLICATION NO. 10/057,833
	APPLICANT Keith Hochhalter and Eugene F. Case	
	FILING DATE January 24, 2002	GROUP ART UNIT 2834

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Inventor Name	Class	Sub-class	Filing Date (if appropriate)
	5,491,372	2-13-1996	Erhart	310	80	
	5,499,547	3-19-1996	Nagai et al.	74	89.34	
	5,557,154	9-17-1996	Erhart	310	80	
	5,606,902	3-4-1997	Hosono et al.	92	88	
	5,614,778	3-25-1997	Terao et al.	310	80	
	5,617,772	4-8-1997	Hosono et al.	92	117A	
	5,637,940	6-10-1997	Nagai et al.	310	80	
	5,676,016	10-14-1997	Nagai et al.	74	89.32	
	5,685,390	11-11-1997	Chikuma et al.	180	444	
	5,689,994	11-25-1997	Nagai et al.	74	89.32	
	5,747,896	5-5-1998	Nagai et al.	310	20	
	5,761,960	6-9-1998	Nagai et al.	74	89.33	
	5,784,922	7-28-1998	Ozaki et al.	74	89.37	
	5,796,187	8-18-1998	Nagai et al.	310	20	
	5,799,543	9-1-1998	Nagai et al.	74	490.09	
	5,809,831	9-22-1998	Nagai et al.	74	89.4	
	5,884,549	3-23-1999	Hosono et al.	92	54	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation
						No
						No
						No

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/057,833
				Filing Date	January 24, 2002
				First Named Inventor	Keith Hochhalter
				Art Unit	2834
				Examiner Name	Not Yet Known
Sheet	1	of	1	Attorney Docket Number	6683.01

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>[Signature]</i>		US- 4,496,865	1-29-1985	Allen et al.	310/80
		US-			
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		Country Code:	Number - Kind Code (if known)				YES	NO
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EXAMINER SIGNATURE <i>[Signature]</i>	DATE CONSIDERED <i>3/7/2004</i>
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